



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Hans Eberle and Neil C. Wilhelm  
Title: METHOD AND APPARATUS FOR A PIPELINED NETWORK  
Application No.: 09/540,731 Filed: March 31, 2000  
Examiner: Nguyen, Phuoc H. Group Art Unit: 2143  
Atty. Docket No.: 004-4254

November 15, 2004

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PATENT

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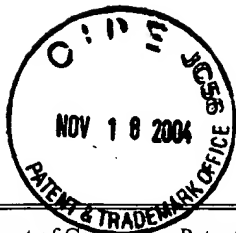
Mark Zagorin 11/15/04  
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Respectfully submitted,

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U.S. Department of Commerce, Patent and Trademark Office				Attorney Docket No.: 004-4254		
				Application No.: 09/540,731		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Applicant(s): Hans Eberle and Neil C. Wilhelm		
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U.S. Patent Documents						
*Examiner Initial		Document Number	Date	Name		
	AS	6,067,300	23 May 2000	Baumert et al.		
	AT	6,141,329	31 Oct 2000	Turner		
	AU	6,198,749 B1	06 Mar 2001	Hui et al.		
	AV	6,212,194 B1	03 Apr 2001	Hsieh		
	AW	6,304,578 B1	16 Oct 2001	Fluss		
	AX	6,404,756 B1	11 Jun 2002	Whitehill et al.		
	AY	6,567,428 B1	20 May 2003	Rubin et al.		
	AZ	6,580,720 B1	17 Jun 2003	Francis et al.		
	BA	6,667,955 B1	23 Dec. 2003	Blanc et al.		
	BB	6,728,243 B1	27 Apr 2004	Jason, Jr. et al.		
Foreign Patent Documents						
					Translation	
		Document	Date	Country	Yes	No
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)						
	BC	Eng, Kai Y., Hluchyj, Michael G., and Yeh, Yu-Shuan, "A Knockout Switch for Variable-Length Packets," IEEE Journal on Selected Areas In Communications, Vol. SAC-5, No. 9, December 1987, pp. 1426-1435.				
	BD	Gruber, Ralf and Sawley, Marie-Christine, "SWISS-TX, Un Projet D'Entrepreneurs," EPFL Flash Informatique, July 1998, 6 pages.				
	BE	Karol, Mark J., "Input Versus Output Queueing on a Space-Division Packet Switch," IEEE Transactions on Communications, Vol. COM-35, No. 12, December 1987, pp. 1347-1356.				
	BF	Kronenberg, Nancy P., et al., "VAXclusters: A Closely-Coupled Distributed System," ACM Transactions on Computer Systems, Vol. 4, No. 2, May 1986, pp. 130-146.				
	BG	Mainwaring, Alan and Culler, David, "Active Message Applications Programming Interface and Communication Subsystem Organization," Draft Technical Report, Computer Science Division University of California at Berkeley, Technical Report UCB CSD-96-918, Oct. 1996, pp. 1-45.				
	BH	Mainwaring, Alan and Culler, David "Design Challenges of Virtual Networks: Fast, General-Purpose Communication", ACM SIGPLAN Symposium on Principles and Practice of Parallel Programming (PPOPP), Atlanta, GA, May 4-6, 1999.				
Examiner			Date Considered			
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.						



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	BK	Pakin, Scott, et al., "Fast Messages: Efficient, Portable Communication for Workstation Clusters and MPPs", IEEE Concurrency, April-June 1997, pp. 60-73.				
	BJ	Scott, Steven L., "Synchronization and Communication in the T3E Multiprocessor", Cray Research, Inc., 1996, pp. 26-36.				
	BK	Scott, Steven L. and Thorson, Gregory M., "The Cray T3E Network: Adaptive Routing in a High Performance 3D Torus", HOT Interconnects IV, Stanford University, Aug. 15-16, 1996, pp. 1-10.				
	BL	Tamir Yuval and Chi, Hsin-Chou "Symmetric Crossbar Arbiters for VLSI Communication Switches", IEEE Transactions on Parallel and Distributed Systems, Vol. 4, No. 1, 1993, pp. 13-27.				
	BM	Sun Microsystems, Inc., "The Sun Enterprise Cluster Architecture Technical White Paper", 1997, pp. 1-74.				
	BN	IBM, "JES2 Introduction", Document No. GC28-1794-02, Third Edition, September 1997, pp. 1-51.				
	BO	ANSI, "Information Technology - Scheduled Transfer Protocol (ST)", T11.1/Project 1245-D/Rev. 3.6, Jan. 31, 2000, pp. 1-97.				
	AS					
	AT					
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AA	3,676,846	11 Jul 1972	Busch			
AB	4,648,029	03 Mar 1987	Cooper et al.			
AC	4,792,944	20 Dec 1988	Takahashi et al.			
AD	5,359,320	25 Oct 1994	Jaffe et al.			
AE	5,550,815	27 Aug. 1996	Cloonan et al.			
AF	5,566,182	15 Oct 1996	Gantner et al.			
AG	5,577,035	19 Nov 1996	Hayter et al.			
AH	5,771,229	23 Jun 1998	Gavrilovich			
AI	5,821,875	13 Oct. 1998	Lee et al.			
AJ	5,838,681	17 Nov 1998	Bonomi et al.			
AK	5,954,799	21 Sep 1999	Goheen et al.			
<b>Foreign Patent Documents</b>						
					<b>Translation</b>	
	Document	Date	Country	Yes	No	
AL	EP 0 868 054 A2	30 Sep 1998	Europe			
AM	EP 1 096 387 A1	02 May 2001	Europe			
AN	WO 00/29956	25 May 2000	PCT			
<b>OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)</b>						
AO	Boden, Nanette J., et al., "Myrinet: A Gigabit-per-Second Local Area Network," IEEE Micro, February 1995, pp. 29-36.					
AP	Chun, Brent N., et al., "Virtual Network Transport Protocols For Myrinet," IEEE Micro, Volume 18, No. 1, January/February 1998, pp. 53-63.					
AQ	Chun, Brent N., et al., "Virtual Network Transport Protocols for Myrinet," Computer Science Division, University of California at Berkeley, August 20, 1997, pp. 1-14.					
AR	Dally, William J., "Virtual-Channel Flow Control," IEEE, 1990, pp. 60-68.					
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